

20FTT0*E0E400T

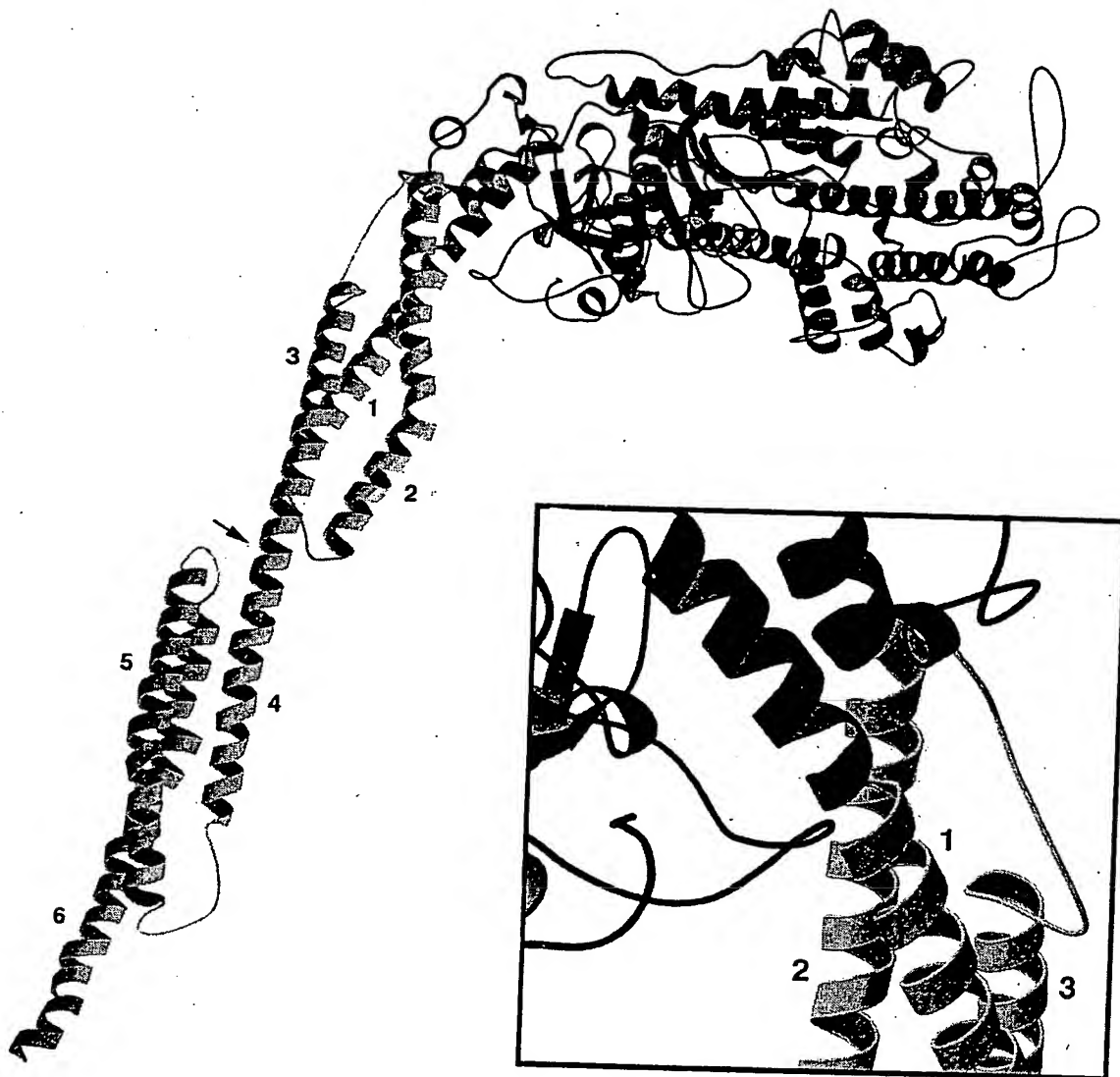


Figure 1A / Figure 1B

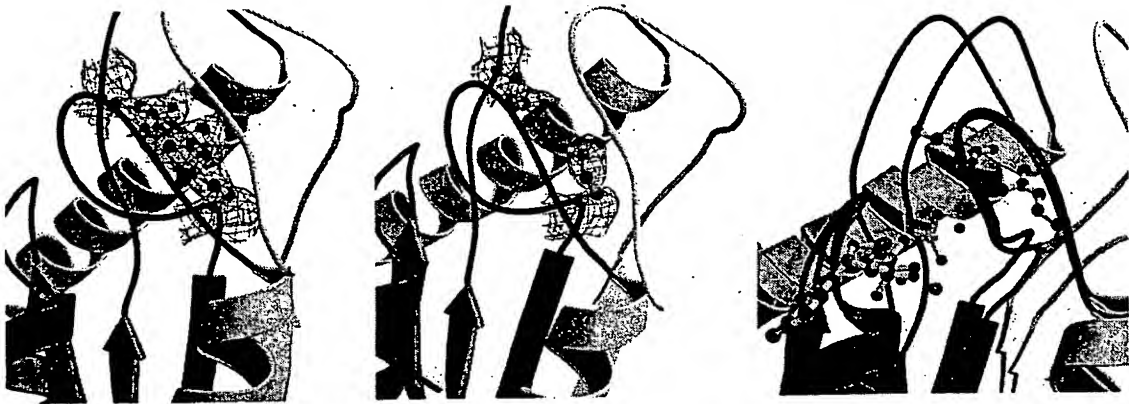


Figure 2A / Figure 2B / Figure 2C

20770" E0E400T
10044303-011102

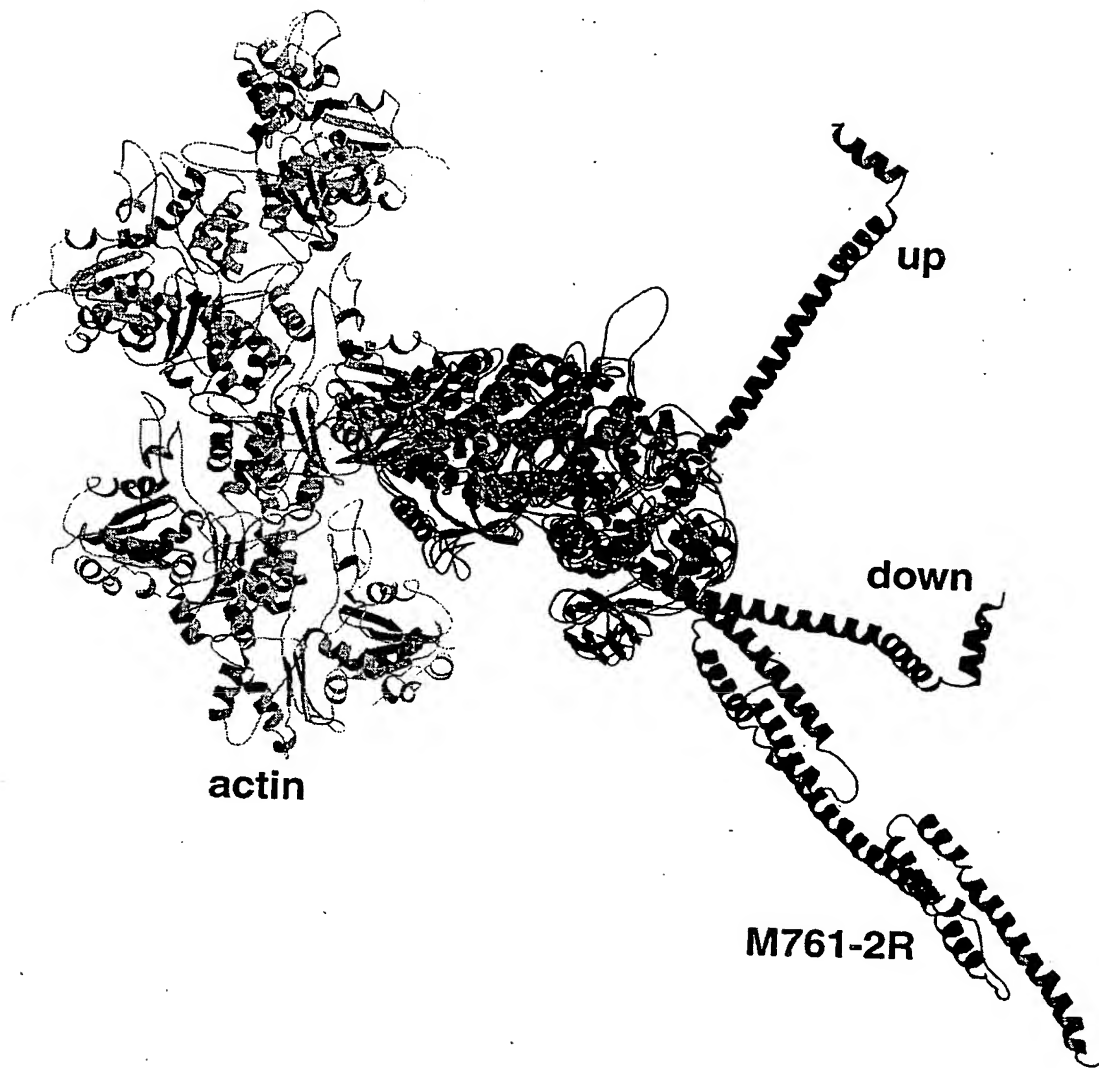


Figure 3

20TT0-EOEH00T
10044303-011102

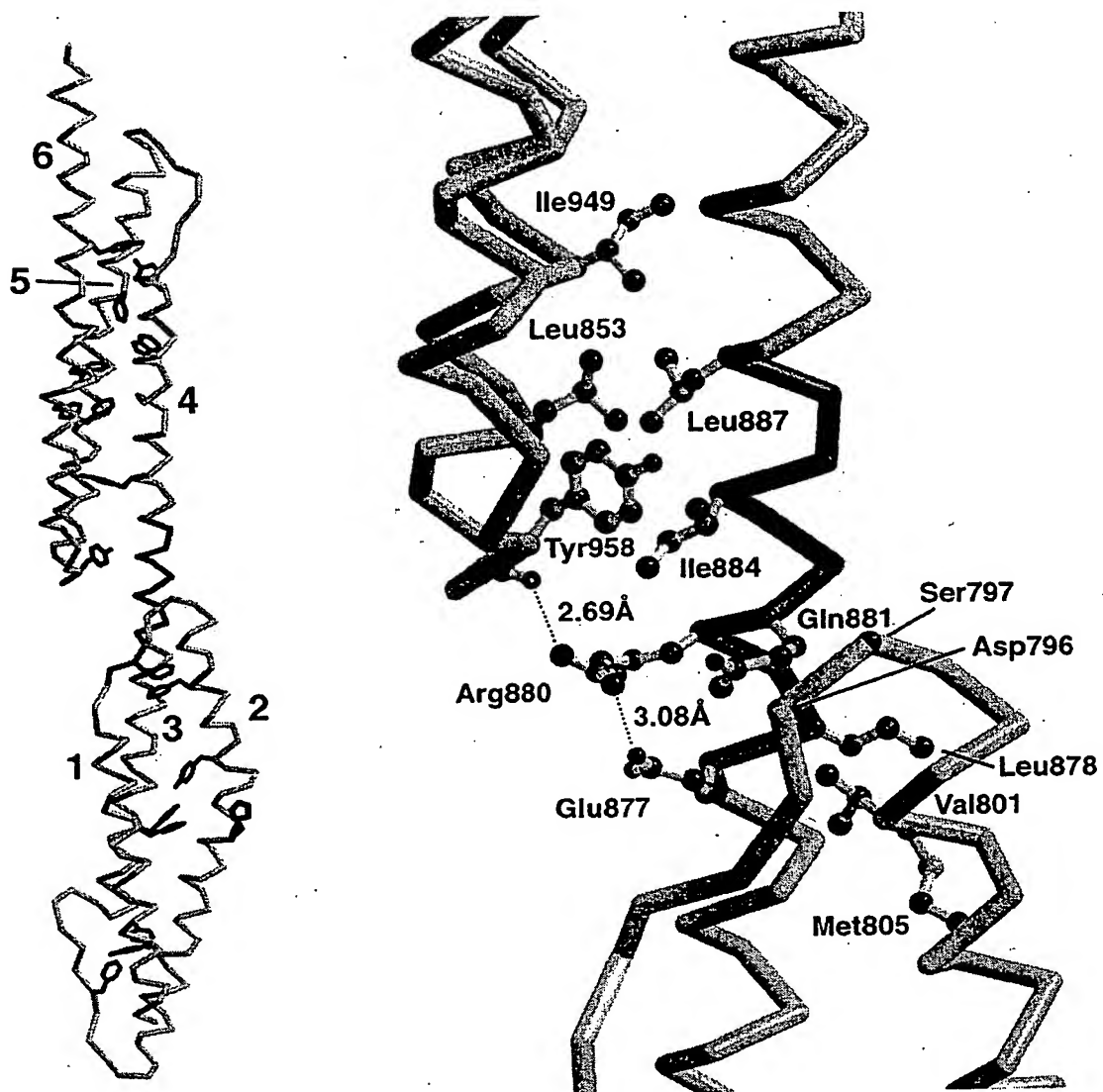


Figure 4A / Figure 4B

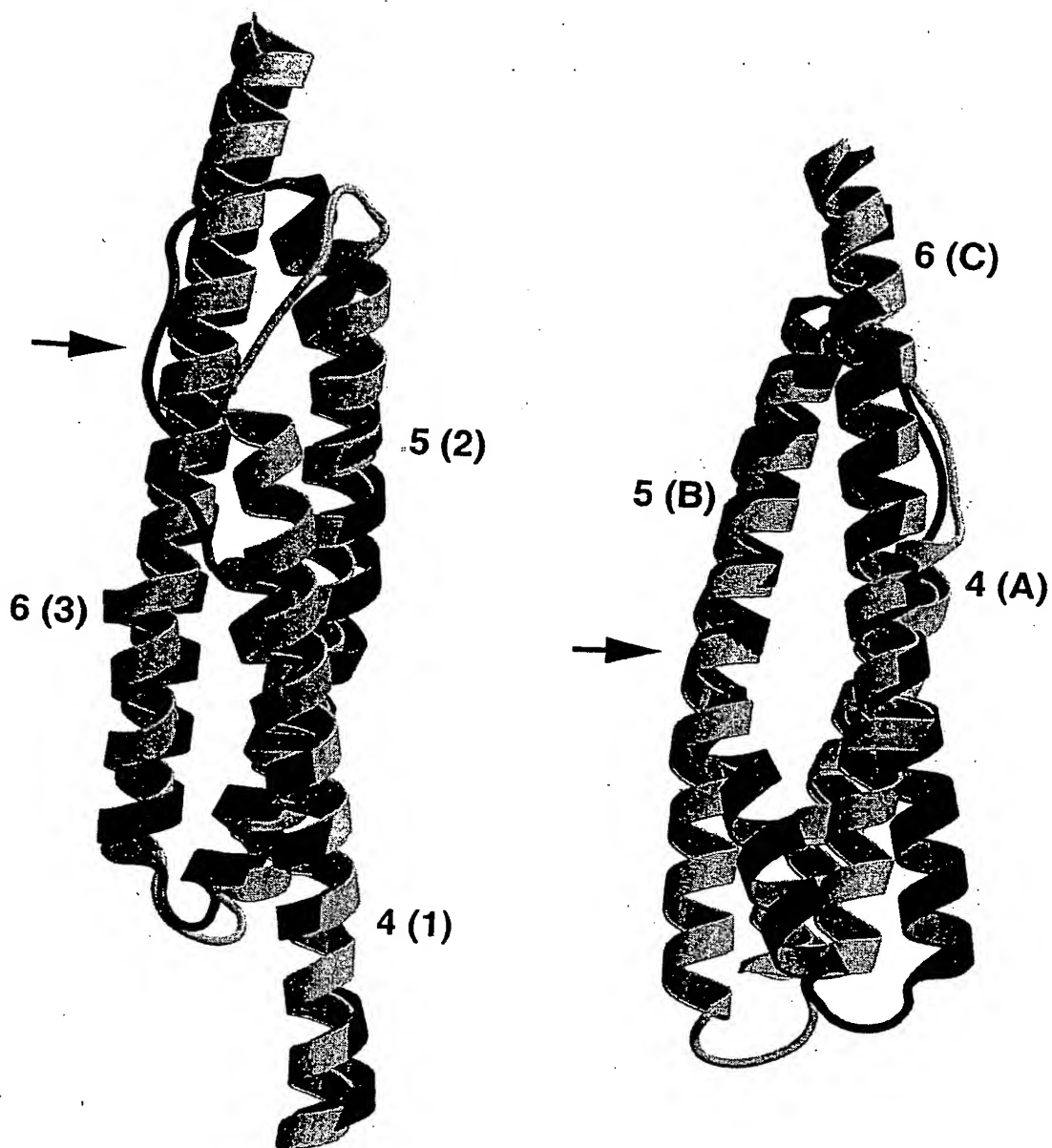


Figure 5A / Figure 5B

MDGTEDPIHDRTSDYHKYLKVKQGDSDFKLTVSDKRYIWYNPDPKERDSYECGEIVSE
TSDSFTFKTVDGQDRQVKKDDANQRNPIKFDGVEDMSELSYLNPAVFHNLRVRYNQDL
IYTYSGLFLVAVNPFKRIPIYTQEMVDIFKGRRRNEVAPHIFAI SDVAYRSMLDDRQNO
SLLITGESGAGKTENTKKVIQYLASVAGRNQANGSGVLEQQILQANPILEAFGNAKTTR
NNSSRFGKFIEIQFNSAGFISGASIQSYLLEKSRVVFQSETERNYHIFYQLLAGATAE
EKKALHLAGPESFNYLNQSGCVDIKGVSDSEEFKITRQAMDIVGFSQEEQMSIFKIIAG
ILHLGNIKFEKGAGEGAVLKDKTALNAASTVFGVNPSPVLEKALMEPRILAGRDLVAQHL
NVEKSSSSRDALVKALYGRFLWLKKNVLCQERKAYFIGVLDISGFEIFKVNSFEQ
LCINYTNEKLQQFFNHHMFKLEQEEYLKEKINWTFIDFG LDSQATIDLIDGRQPPGILA
LLDEQSVFPNATDNTLITKLHSHFSKKNAYEPRFSKTEFGVTHYAGQVMYEIQDWLE
KNKDPLQQDLELCFKDSSDNVVTCLFNDPNIASRAKKGANFITVAAQYKEQLASLMATL
ETTNPHFVRCIIPNNKQLPAKLEDKVVDQLRCNGVLEGIRITRKGFPNRIIYADFVKR
YYLLAPNVPRDAEDSQKATDAVLKHLNIDPEQYRFGITKIFFRAGQLARIEEAREQR

Figure 6

10044303-011102

MDGTEDPIHDRTSDYHKYLKVKQGDSDLFKLTVSDKRYIWYNPDPKERDSYECGEIVSE
TSDSFTFKTVDGQDRQVKDDANQRNPIKFDGVEDMSELSYLNPAVFNLRVRYNQDL
IYTYSGLFLVAVNPFKRIPITYTQEMVDIFKGRRRNEVAPHIFAI SDVAYRSMDDRQNO
SLITGESGAGKTENTKKVIQYLASVAGRNQANGSGVLEQQILQANPILEAFGNAKTTR
NNNSSRFGKFIEIQFNSAGFISGASIQSYLLEKSRVVFQSETERNYHIFYQLLAGATAE
EKKALHLAGPESFNVLNQSGCVDIKGVSDSEEFKITRQAMDIVGFSQEEQMSIFKIIAG
ILHLGNIKFEKGAGEGAVLKDKTALNAASTVFGVNPSVLEKALMEPRILAGRDLVAQHL
NVEKSSSSRDALVKALYGRFLWLVKKINNVLQERKAYFIGVLDISGFEIFKVNSFEQ
LCINYTNEKLQQFFNHMHMFKLEQEEYLKEKINWTFIDFGLDSQATIDLIDGRQPPGILA
LLDEQSVFPNATDNTLITKLHSHFSKKNAYEEPRFSKTEFGVTHYAGQVMYEIQDWLE
KNKDPLQQDLELCFKDSSDNVVTCLFNDPNIASRAKKGANFITVAAQYKEQLASLMATL
ETTNPHFVRCII PNNKQLPAKLEDKVVLQDLRCNGVLEGIRITRKGFPNRIIYADFVKR
YYLLAPNVPRDAEDSQKATDAVLKHLNIDPEQYRFGITKIFFRAGQLARIEEAREQRLG
SEQTKSDYLKRANELVQWINDKQASLESRDFGDSIESVQSFMAHKEYKKTEKPPKGQE
VSELEAIYNSLQTKLRLIKREPFPVAPAGLTPNEIDSTWSALEKAEQEHAELRIELKRQ
KKIAVLLQKYNRILKKLENWATTKSVYLGSNETGDSITAVQAKLKNLEAFDGECSLEG
QNSDLSILAQLTELNYNGVPELTERKDTFFAQQWTGVKSSAETYKNTLLAELERLQK
IEDALHHHHHHHH

Figure 7

Figure 8

ATGGATGGTACCGAGGATCCAATTCATGATAGAACTTCAGATTATCACAAATACTTAAA
AGTTAAACAAGGTGATTCTGATTTATTTAACTTACTGTTTCAGATAAGAGATACATTT
GGTATAATCCAGATCCAAAAGAAAGAGATTCATATGAATGTGGTGAAATTGTTTCAGAA
ACCTCTGATTCTTTACATTCAAACCGTTGATGGTCAAGACAGACAAGTCAAAAAGGA
TGATGCCAATCAACGTAATCCAATCAAATTCGATGGTGTGCAAGATATGTCTGAATTAT
CATACCTCAATGAACCAGCAGTTTTCCACAATCTCCGTGTTTCGTTACAATCAAGATTTA
ATTTACACCTATTCAGGTCTCTTTTTGGTTGCCGTCAATCCATTCAAGAGAATTCCAAT
CTACACTCAAGAGATGGTTGATATCTTCAAAGGTCGTAGAAGAAATGAAGTTGCCCCAC
ATATTTTCGCCATTTCTGATGTTGCCTATCGTTCAATGTTAGATGATCGTCAAAATCAA
TCACTCTTAATCACTGGTGAATCTGGTGCTGGTAAGACTGAAAACACCAAAAAGGTCAT
TCAATATCTTGCATCTGTGCTGGTCGTAATCAAGCCAATGGTAGTGGTGTATTGGAAC
AACAAATTCTCCAAGCCAATCCAATCCTTGAAGCTTTTGGTAATGCCAAAACCAACCCGT
AACACAATTCATCTCGTTTCGGTAAATTCAATTGAAATTCAATTCAACAGTGCTGGTTT
CATTAGTGGTGCTTCAATTCAATCCTACCTTTTAGAGAAATCACGTGTCGTTTCCAAT
CTGAAACCGAACGTAATTATCACATTTTCTATCAACTCTTAGCTGGTGCCACCGCCGAA
GAAAAGAAAGCTCTTCACTTGGCTGGTCCAGAATCATTCAACTACTTAAATCAAAGTGG
TTGTGTTGATATCAAAGGTGTCTCTGATAGTGAAGAATTCAAATCACTCGTCAAGCTA
TGGACATTGTTGGTTTCTCACAAGAAGAACAATGTCAATCTTTAAGATCATTGCTGGT
ATCTTACATTTAGGTAACATCAAATTCGAAAAGGTGCTGGTGAAGGTGCTGTCCTCAA
AGACAAAACCGCCCTCAACGCTGCTTCAACCGTCTTTGGTGTCAATCCATCAGTCCTTG
AAAAGGCTCTCATGGAACCACGTATTTTAGCCGGTCGTGATTTAGTTGCTCAACATCTC
AACGTTGAAAAATCCTCATCATCAAGAGACGCTCTTGTCAAAGCTCTCTATGGTCGTCT
TTTCTCTGGTTGGTCAAAAAGATCAACAATGTCCTCTGTCAAGAGAGAAAAGCTTACT
TTATTGGTGTTTTGGATATTTTCAGGTTTTGAAATTTTCAAAGTCAATTCATTCGAACAA
TTATGTATCAATTATACCAATGAAAACTCCAACAATTCTTCAATCACCATATGTTCAA
ATTGGAACAAGAAGAATATCTTAAAGAGAAAATCAATTGGACTTTCATCGATTTTGGTC
TTGATTACAAGCCACTATCGATTTAATTGATGGTTCGTCAACCACCAGGTATTTTAGCT
CTTTTGGATGAACAATCTGTTTTCCCAAATGCCACCGATAATACTTTAATCACCAAAT
CCACAGTCACTTTAGCAAGAAGAACGCCAAATACGAAGAACCACGTTTCTCCAAAACCG
AATTTGGTGTTACCCATTATGCTGGTCAAGTCATGTATGAGATTCAAGATTGGTTAGAA
AAGAACAAGATCCATTACAACAAGATCTCGAAGTTTGCTTCAAAGATTCATCAGACAA
CGTTGTCACCAAACTTTTCAATGATCCAAACATTGCCAGTCGTGCAAAGAAAGGTGCAA
ACTTTATCACTGTGCGCGCTCAATACAAGGAACAATTAGCCTCACTCATGGCNACCCTT
GAAACCACCAACCCACATTTTCGTTTCGTTGTATCATTCCAACAACAACAATTACCAGC
CAAACCTCGAAGATAAAGTTGTCCTCGACCAATTACGTTGCAATGGTGTCTCGAAGGTA
TTCGTATTACTCGTAAAGGTTTTCCCAAATCGTATTATCTATGCCGATTTTCGTCAAACGT

10044303-01102

TACTATTTATTAGCTCCAAACGTTCCAAGAGACGCTGAAGACTCACAAAAAGCCACCGA
TGCTGTTCTCAAACATCTTAACATTGATCCAGAACAATATCGTTTCGGTATCACCAAGA
TTTTCTTCCGTGCCGGTCAATTAGCTCGTATTGAAGAAGCTCGTGAACAACGTCTAGGA
TCCGAACAAACCAAATCTGATTATCTTAAAGAGCCAATGAACTCGTTCAATGGATTAA
CGATAAACAAAGCATCACTTGAATCACGTGATTTTGGTGATTCCATCGAATCTGTTCAAA
GTTTCATGAACGCTCATAAAGAATATAAAAAAACCGAAAAACCACCAAAGGGTCAAGAA
GTCTCTGAATTGGAAGCTATCTACAATTCATTACAACTAAATTACGTTTAAATTAAACG
TGAACCATTTGTTGCACCAGCTGGTCTCACTCCAAATGAAATCGATTCCACTTGGTCCG
CTTTAGAGAAAGCTGAACAAGAACATGCTGAAGCCCTCCGTATTGAACTCAAACGTCAA
AAGAAAATTGCAGTTCTCTTACAAAAATACAATCGTATTCTCAAGAACTCGAAAACGTG
GGCCACCACCAAATCTGTCTACCTCGGTTCCAATGAAACCGGTGACAGTATCACTGCTG
TTCAAGCTAAATTAAAGAATTTAGAAGCTTTTGATGGTGAATGTCAATCATTGGAAGGT
CAATCAAACCTCTGATCTCCTCAGCATTCTTGCTCAATTAAGTGAATCACTACAATGG
TGTACCAGAACTCACTGAACGTAAAGATACATTCTTTGCTCAACAATGGACTGGTGTTA
AATCATCTGCTGAAACCTACAAAAACACTCTTTTAGCTGAACTTGAAAGACTCCAAAAG
ATTGAAGATGCATTACATCATCATCATCATCACCAC

Figure 8 Con't

10044303-011102